



DEPARTMENT OF ENERGY  
National Nuclear Security Administration  
Los Alamos Site Office  
Los Alamos, New Mexico 87544

TR 14



JAN 18 2005

CERTIFIED MAIL/RETURN RECEIPT

Mr. John Young  
NMED-Hazardous Waste Bureau  
2905 Rodeo Park Drive East,  
Building 1  
Santa Fe, NM 87505-6333



Dear Mr. Young:

Subject: Fact Sheet for Well R-18

Enclosed is the fact sheet for Well R-18, which was recently completed by the Department of Energy. If you have any questions regarding this matter, feel free to contact me at (505) 665-5046.

Sincerely,

Mat Johansen  
Groundwater Program Manager

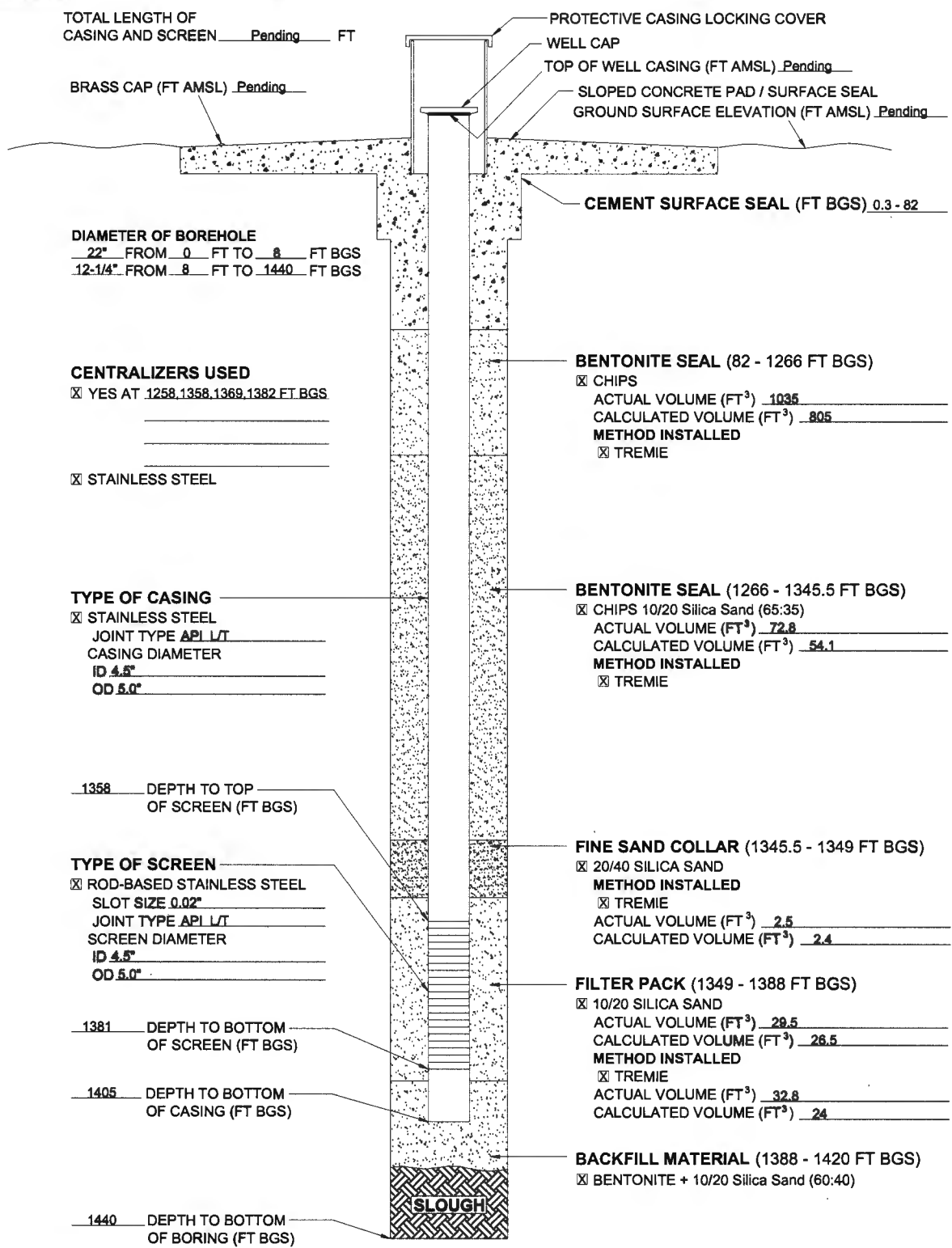
ES:3BE-004

Enclosure: R-18 Fact Sheet

cc w/o enclosure:

- John Kieling  
NMED – Hazardous Waste Bureau  
2905 Rodeo Park Drive East,  
Building 1  
Santa Fe, NM 87505-6303
- B. Enz, ES, LASO
- T. Whitacre, ES, LASO
- T. Taylor, OOM, LASO
- K. Hargis, RRES-DO, LANL, MS-J591
- C. Nylander, RRES, LANL, MS-J591
- J. McCann, RRES, LANL, MS-M992
- S. Yanicak, NMED-OB, MS-J993





<b>WELL COMPLETION BEGAN</b> DATE 12/05/04 TIME 18:40	<b>WELL DEVELOPMENT INFORMATION</b> DEVELOPMENT METHOD <input type="checkbox"/> SWABBING <input type="checkbox"/> BAILING <input type="checkbox"/> PUMPING TOTAL PURGE VOLUME _____ GALLONS	<b>FINAL PARAMETER MEASUREMENTS</b> pH _____ TEMPERATURE _____ °C SPECIFIC CONDUCTANCE _____ μS TURBIDITY _____ NTU
<b>WELL COMPLETION FINISHED</b> DATE 12/14/04 TIME 10:40		



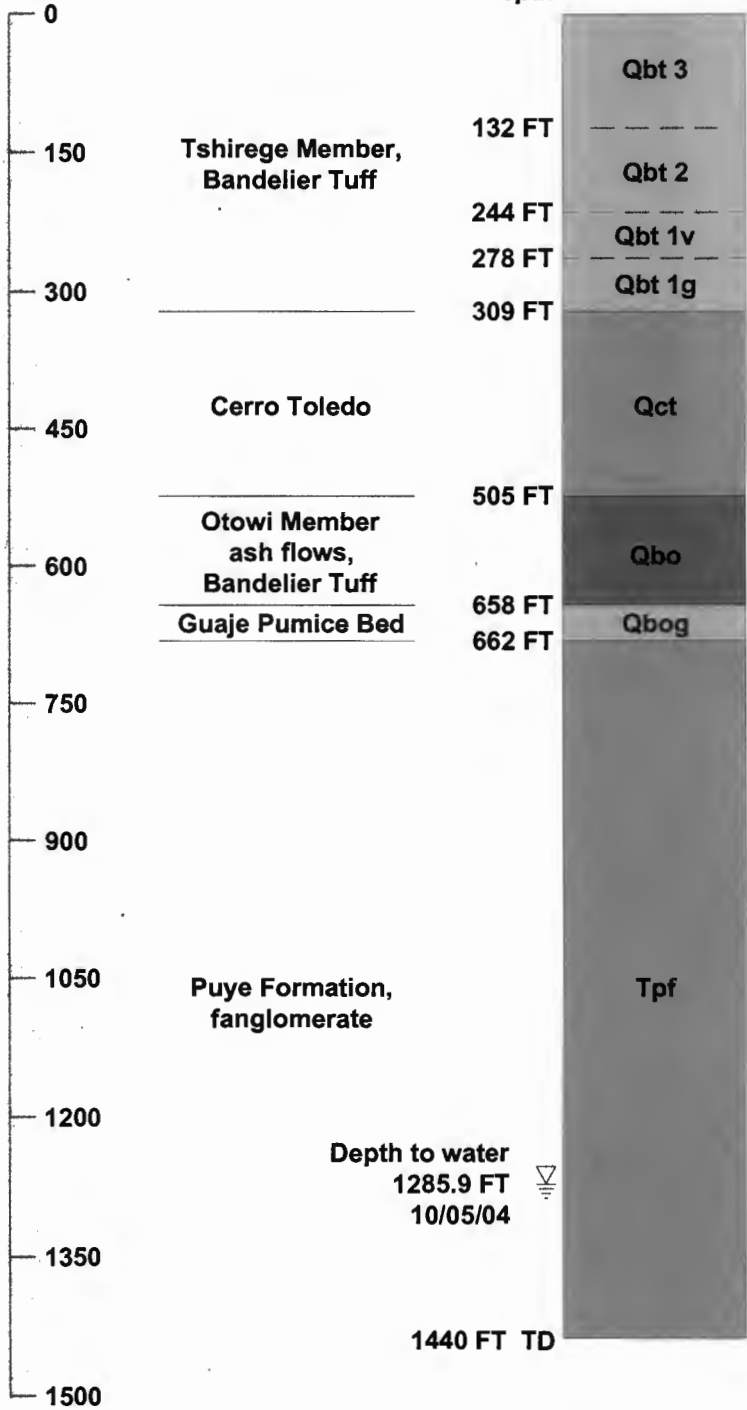
**WELL SCHEMATIC**  
**Characterization Well R-18**  
 TA-14  
 Los Alamos National Laboratory  
 Los Alamos, New Mexico

FIGURE  
**2**

Drawn By: C. Landon  
 Project No.: 37151  
 Date: January 2005  
 Filename: Figure 2.dwg

DEPTH (ft)

Depth



**DRILLING INFORMATION**

**PERSONNEL**

WDC Exploration & Wells  
 Chris Bufkin, Rodney Price, and Homer Endito  
 Kleinfelder - Catherine Goetz, geologist  
 DRILL RIG Speedstar 90K

**DRILLING METHOD**

- HOLLOW-STEM AUGER
- AIR ROTARY
- MUD/WATER ROTARY
- Water, QUIK-FOAM®

**DRILLING BEGIN**

DATE 11/12/04 TIME 12:10

**DRILLING END**

DATE 12/02/04 TIME 17:11

**DRILLING FLUID TYPE**

- BENTONITE
- WATER
- POLYMER
- Air

Note: 1. Geologic contacts are preliminary and subject to change.



**BOREHOLE SUMMARY DATA SHEET**  
 Characterization Well R-18  
 TA-14  
 Los Alamos National Laboratory  
 Los Alamos, New Mexico

FIGURE

1

Drawn By: C. Landon  
 Project No.: 37151

Date: January 2005  
 Filename: Figure 1.dwg